## IN THE CLAIMS:

The following listing of the claims replaces all earlier listings and all earlier versions.

- 1. (Canceled).
- 2. (Previously presented) An emissive iridium (III) complex suitable for use in an emissive layer of an OLED, having the formula:

wherein A is a group L'-R-L'' in which R is a divalent hydrocarbon radical, and L', L'', L<sub>1</sub>, L<sub>2</sub>, L<sub>3</sub> and L<sub>4</sub> are heteroaromatic ligands having a carbon atom covalently bonded to the iridium atom and a nitrogen atom complexed to the iridium atom, wherein L<sub>1</sub>, L<sub>2</sub>, L<sub>3</sub> and L<sub>4</sub> are the same and not the same as L' or L''.

- 3. (Canceled).
- 4. (Canceled).
- 5. (Canceled).

6. (Previously presented) An emissive iridium (III) complex suitable for use in an emissive layer of an OLED, having the formula:

wherein  $L_1$ ,  $L_2$ ,  $L_3$  and  $L_4$ , which may be the same or different, are heteroaromatic ligands having a carbon atom covalently bonded to the iridium atom and a nitrogen atom complexed to the iridium atom, and wherein A is selected from the group consisting of:

- 7. (Previously presented) An organic light emitting device comprising an anode, a cathode and an emissive layer, wherein the emissive layer comprises the emissive iridium (III) complex of claim 2 or claim 6.
- 8. (Original) The organic light emitting device of claim 7, wherein said complex is doped in a host material in said emissive layer.

- 9. (Original) The organic light emitting device of claim 7, wherein said complex is not doped in a host material.
- 10. (Original) The organic light emitting device of claim 7, having a theoretical efficiency greater than 25 percent.
- 11. (Currently Amended) An emissive iridium(III) complex suitable for use in an emissive layer of an OLED, having the structure

Core-
$$R_n$$
-L'<sub>n</sub>  $\left( - Ir \left\langle L \right\rangle \right)_m$  (IV)

wherein each Rn is a divalent hydrocarbon radical, L'n is a ligand having a carbon covalently bonded to the iridium atom and a nitrogen atom complexed to the respective iridium atom, and each ligand L, which may be the same or different, has a carbon atom covalently bonded to the iridium atom and a nitrogen atom complexed to the respective iridium atom, and wherein Core is selected from the group consisting of:

and wherein n and m are integers equal to the valence of Core

wherein n is 3-12, and

m is an integer equal to the valence of Core.

- 12. (Canceled).
- 13. (Previously presented) An organic light emitting device comprising an anode, a cathode, an electron transport layer, a hole transport layer, an electron transport/hole blocking layer, and an emissive layer comprising an iridium (III) complex according to claim 11.

14. (Original) The organic light emitting device of claim 13 having a theoretical device efficiency greater than 25 percent.